

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known				
Application Number	10/020,425			
Filing Date	December 7, 2001			
First Named Inventor	Mitsuaki Oshima et al.			
Art Unit	2137			
Examiner Name	Paul E. Callahan			
Attorney Docket No.	MTS-520US2			

Considered

			U.S. PATENT DO	OCUMENTS	
_	_	Document Number			Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Number - Kind Code ^{2 (if known)}	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS						
Examiner Cite No.1		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
	Country Code ³ - Number ⁴ - Kind Code ^{5 (II known)}	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Passages or Relevant Figures Appear	۳6	
PC		JP 06-203412 (with English Abstract)	07-22-1994	EASTMAN KODAK CO.		
R		JP 60-175254 (with English Abstract) (with Partial English Translation)	09-09-1985	KAWAOKA NORITAKA		×
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Examiner	1			Date	8/5/20	

*EXAMINER: Initial if reference considered, whether or not ditation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Applicant's unique citation designation number (optional).

Signature

*Applicant's unique cration designation number (optionia).

*See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

*Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Complete If Known 10/020,425 **Application Number** INFORMATION DISCLOSURE December 7, 2001 Filing Date STATEMENT BY APPLICANT Mitsuaki Oshima et al. First Named Inventor (Use as many sheets as necessary) 2137 Art Unit **Examiner Name** Paul E. Callahan SHEET 2 of 2 Attorney Docket No. MTS-520US2

NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²	
R		Japanese Official Action dated March 7, 2006		
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Examiner Initials*	Cite No.1	Number - Kind Code ² (If known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
R		US-5,309,421 (w/ counterpart CN 1059222A)	05-03-1994	FUJISAWA, Hirotoshi	
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		FOREIGN PA	TENT DOCUMEN	TS		
Examiner	Cita	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	
Initials*	Cite No.1	Country Code ³ - Number ⁴ - Kind Code ^{5 (If known)}	(MM-DD-YYYY)	Document	Figures Appear	Т6
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Substi	tute for Fo	rm 1449B/PTO		Complete if Known	-
1			Application Number	10/020,425	
INF	ORN	MATION DISCLOSURE	Filing Date	December 7, 2001	
		MENT BY APPLICANT	First Named Inventor	Mitsuaki Oshima, et al.	
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Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LET magazine, journal, serial, symposium, catalo	ITERS), title of the art g, etc.), date, page(s) country where publis	icle (when appropriate), title of the item (book, , volume-issue number(s), publisher, city and/o hed	T²
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PTO/SB/08b (08-03) (AW 10/2003) Approved for use through 6/30/2006. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Art Unit	2137	
Examiner Name	Paul E. Callahan	
Attorney Docket No.	MTS-520US2	

		NON-PATENT LITERATURE DOCUMENTS	
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PC	1	Japanese Official Action for JP 2002-235948, date mailed September 28, 2004, with English translation.	Ø
pc		Japanese Official Action for JP 2002-235949, date mailed September 28, 2004, with English translation.	Ø
DC		"Outline of Barcode Symbol", (see "JAN code standard" at http://www.barcode.ne.jp/about_barcode/code/index.html , with English translation.	Ø
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Substitute for Pone 1449 (2010)

PTO/SB/08A (AW 4/25/03) (04-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Attorney Docket No.	MTS-520US2				

	7-19	Document Number		DEUMENTS.	Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Number - Kind Code ² (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevan Figures Appear

Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
PC	<u> </u>	JP 01-243237 A (with English abstract)	09/27/89	RICOH CO LTD	1	
PC		EP 0 520 619 A	12/30/92	PIONEER ELECTRONIC CORP		

Examiner		1 6 11 1		Date	11/20/01
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Complete if Known Substitute for Form 1449B/RTQ 10/020,425 Application Number INFORMATION DISCLOSURE December 7, 2001 Filing Date First Named Inventor Mitsuaki OSHIMA, et al. STATEMENT BY APPLICANT (Use as many sheets as necessary) **Art Unit** Paul E. Callahan **Examiner Name** Attorney Docket No. MTS-520US2

SHEET 2 of 2

NON-PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	L ₅					
PC	1	European Search Report for EP 04020082, dated October 6, 2004						
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Sheet 1 of 1 SERIAL NO ATTY. DOCKET NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE 10/020,425 PATENT AND TRADEMARK OFFICE MTS-520US2 **APPLICANT INFORMATION DISCLOSURE** STATEMENT BY APPLICANT M. Oshima et al. O ! (Usesseveral sheets if necessary) GROUP FILING DATE 2137 2134--December 7, 2001 200 g ZCS **U.S. PATENT DOCUMENTS** Filing Class Sub Name Document Class Date Number 346 14/89 03/05/85 Kato 4,503,531 341 155 Kildal et al. 09/29/91 5,061,341 253 5,197,060 03/23/93 Yatake 02/06/96 Brownstein et al. 5,489,768 42X PHE(GF)) 5,549,953 08/27/96 Technology Center 2100 FOREIGN PATENT DOCUMENTS Translation Class Country -Sub Document Date Exmr YES | NO Class Number Initial EP 0 549 488 レ 06/30/93 Europe 1 11/26/92 Japan (with English abstract) 04-338872 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Official Action from the European Patent Office dated March 28, 2003, for Application 1. No. 01 108 949.7. Replication and BCA," [internet]http://www.panasonicdvd.com/rep.html, 12/2001. 2. "NSM Storage - Jukebox and Storage ABC," [Internet]http://www.storageminds.com/nsm/nsm_ 3. folders/folders/algemeen/glossary_storage_and_jukebox.pdf, 12/2001.

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FORM PTO-1449

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. MTS-520US2 SERIAL NO 10/020,425

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APPLICANT

M. Oshima et al.

FILING DATE

December 7, 2001

GROUP 2134

U.S. PATENT DOCUMENTS

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Initial Line	Document Number	Date	Name	Class	Sub Class	Filing Date
C'	5,126,741	06/30/92	Yoshida (with counterpart JP 03-116441)	34/	155	9/24/90
pc	4,961,077	10/02/90	Wilson et al. (with counterpart JP 02-056750)	346	1./	7/14/89
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FOREIGN PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
PC	58-211343	12/08/83	Japan (with English abstract)		1	X
re 	61-248250	11/05/86	Japan (with English abstract)			×
	03-078178	04/03/91	Japan (with English abstract)			×
	03-116441	05/17/91	Japan (with English abstract and counterpart USP 5,126,741)	·		×
	02-056750	02/26/90	Japan (with English abstract and counterpart EP 0 329 122 and 4,961,077)		·	×
	EP 0329122	08/23/89	Europe/Germany (with counterpart JP 02-056750)			×

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

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R	1.	Japanese Official Action dated November 19, 2002, for JP 2002-235948 with partial English translation.
R	2.	Japanese Official Action dated November 19, 2002, for JP 2002-235949 with partial English translation.

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(Rev. 2-32) **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

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SERIAL NO 10/020,425 Sheet 1 of 1

APPLICANT

M. Oshima et al.

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PC	5,126,741	06/30/92	Yoshida (with counterpart JP 03-116441)			1
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FOREIGN PATENT DOCUMENTS

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p	58-211343	12/08/83	Japan (with English abstract)			X	
	61-248250	11/05/86	Japan (with English abstract)			×	
	03-078178	04/03/91	Japan (with English abstract)			X	
	03-116441	05/17/91	Japan (with English abstract and counterpart USP 5,126,741)			X.	
	02-056750	02/26/90	Japan (with English abstract and counterpart EP 0 329 122 and 4,961,077)			x	
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			Sheet 1 of 2
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MTS-520US2	SERIAL NO To Be Assigned	P 10
Information Disclosure Statement by Applicant	APPLICANT M. Oshima et al.		2007. 2007.
(Use several sheets if necessary)	FILING DATE 12/7/2001	GROUP	10930

U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
R	5,418,852	05/23/95	Itami et al. (corresponds to DE 4308680)	380	4	3/17/83
	5,982,886	11/9/99	Itami et al. (corresponds to DE 4308680)	380	4	10/11/98
	5,371,792	12/6/94	Asai et al. (corresponds to EP 0553545)	380	_3	12/2/14
1/	RE 35,839	7/7/98	Asai et al. (corresponds to EP 0553545)	380	3	8/25/9
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FOREIGN PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
PC	EP0553545	08/04/93	EPO (corresponds to USP 5,371,792			
		T	And USP RE 35,839			
	DE4308680	10/28/93	Germany (corresponds to USP 5,418,852			
		1	And USP 5,982,886)			
	NL9101358	03/01/93	Netherlands			
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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

PC	European Search Report dated	European Search Report dated August 23, 2001, application no. EP01108949.				
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Examiner D	wl Callahan	Date Considered				

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USPTO Form 1449 [R&P]

			Sheet 2 of	
FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MTS-520US2	SERIAL NO To Be Assigned	
Information Disclosure Statement by Applicant (Use several sheets if necessary)		APPLICANT M. Oshima et al.		
		FILING DATE	GROUP	

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Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
α	5,513,169	4/30/96	Fite et al.	369	272	11/29/89
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FOREIGN PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
R	9101358	3/1/93	The Netherlands			ΙX
t.	4308680	10/28/93	Germany	1-1		X
	553545	8/4/93	EPO	11-	 	X
	5-266576	10/15/93	Japan		- /-	l x
	7-325712	12/12/95	Japan		- 	X
	2-44448	2/14/90	Japan	- 		$ \mathbf{x} $
	63-46541	2/27/88	Japan		1	x
	63-164043	7/7/88	Japan		-1	 x -
	61-190734	8/25/86	Japan		1	l x
1/	5-325193	12/10/93	Japan			
V	0 545 472A1	6/9/93	EPO	1-1-		

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

100		European Search Report dated 5/15/97	
-		International Search Report dated 1/30/96	<u>.</u>
rel	-	mentational Search Report dated 1750/96	

Examiner	Paul Callahan	Date Considered	119/02
			

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